

```

#maximal read length
max_rd_len=300
[LIB]
###MiSeq data SW019 library###
#average insert size
avg_ins=374
#if sequence needs to be reversed
#reverse_seq=0
# means paired-end forward-reverse reads
reverse_seq=0
#in which part(s) the reads are used
asm_flags=3
#use first 300 bases of read
rd_len_cutoff=300
# means use reads in both graph and scaffold
#in which order the reads are used while scaffolding
rank=1
# cutoff of pair number for a reliable connection
pair_num_cutoff=3 # unsure about this value*****seems to be default
of rshort insert libraries
#minimum aligned length to contigs for a reliable read location
map_len=32
#fastq file for read 1
q1=/campusdata/BME235/S15_assemblies/SOAPdenovo2/errorCorrectionTask/
musket_run/SW018_SW019_S1_SW019_S2_better/SW019_S1_L001_R1.fastq
#fastq file for read 2 always follows fastq file for read 1
q2=/campusdata/BME235/S15_assemblies/SOAPdenovo2/errorCorrectionTask/
musket_run/SW018_SW019_S1_SW019_S2_better/SW019_S1_L001_R2.fastq
#fasta file for read 2
q1=/campusdata/BME235/S15_assemblies/SOAPdenovo2/errorCorrectionTask/
musket_run/SW018_SW019_S1_SW019_S2_better/SW019_S2_L008_R1.fastq
#fasta file for read 2 always follows fasta file for read 1
q2=/campusdata/BME235/S15_assemblies/SOAPdenovo2/errorCorrectionTask/
musket_run/SW018_SW019_S1_SW019_S2_better/SW019_S2_L008_R2.fastq
[LIB]
avg_ins=597
reverse_seq=0
asm_flags=3
rank=2
# cutoff of pair number for a reliable connection (at least 5 for
large insert size)
pair_num_cutoff=5
# #minimum aligned length to contigs for a reliable read location (at
least 35 for large insert size)
map_len=32
q1=/campusdata/BME235/S15_assemblies/SOAPdenovo2/errorCorrectionTask/
musket_run/SW018_SW019_S1_SW019_S2_better/SW018_S1_L007_R1.fastq
q2=/campusdata/BME235/S15_assemblies/SOAPdenovo2/
errorCorrectionTaskrectionTask/musket_run/
SW018_SW019_S1_SW019_S2_better/SW018_S1_L007_R2.fastq

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```
q1=/campusdata/BME235/S15_assemblies/DiscoverDeNovo/UCSF_reads/  
UCSF_SW018_noAdap_noDup_R1.fastq  
q2=/campusdata/BME235/S15_assemblies/DiscoverDeNovo/UCSF_reads/  
UCSF_SW018_noAdap_noDup_R2.fastq  
[LIB]  
avg_ins=5500  
reverse_seq=1  
asm_flags=3  
rank=3  
map_len=35  
q1=/campusdata/BME235/Spring2015Data/  
R1_IJS8_mates_ICC5_SW023_S60_L001_R1_001.fastq  
q2=/campusdata/BME235/Spring2015Data/  
R2_IJS8_mates_ICC5_SW023_S60_L001_R2_001.fastq
```